

(b) applying a series of voltage pulses of varying potential across said electrodes in order to obtain transient signal responses varied by different chemical reactions obtainable due to said plurality of working electrodes being formed or coated by said different materials;

(c) measuring said transient signal responses;

(d) registering the entire transient curves of said transient signal responses; and

(e) evaluating said entire transient curves of said transient signal responses by multivariate methods.

Please add new claim 53, reading as follows:

--53. The method according to claim 39, wherein said electroanalytical cell also includes a reference electrode.--

REMARKS

Independent claim 39 has been amended to better define the claimed invention and better distinguish the claimed invention from the prior art. More particularly, independent claim 39 has been amended to incorporate limitations of claim 43, which has been cancelled. Claim 39 also has been amended to clarify that the entire transient curves of the transient signal responses are registered and evaluated. No new matter has been entered. Support for the above changes is found in the specification at page 3, second paragraph, line 2; page 8, lines 4-5; and previous claim 43.

Pursuant to 37 CFR § 1.121, a marked copy of amended claim 39 showing the changes made therein accompanies this Amendment.

New claim 53 has been added to further scope the invention.

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